

CLAIMS

1. A rubber-like or rubber-like-material-containing article comprising or being made from a hydrogenated natural polyisoprenoid or a modified product thereof.

2. The rubber-like or rubber-like-material-containing article of claim 1, which is a rubber-like elastic article made from a hydrogenated natural polyisoprenoid or a modified product thereof.

3. The rubber-like or rubber-like-material-containing article of claim 2, wherein the hydrogenated natural polyisoprenoid is a polymer as a product of the reaction of a natural polyisoprenoid with hydrogen in the presence of a hydrogenation catalyst in a solvent.

4. The rubber-like or rubber-like-material-containing article of one of claims 2 and 3, wherein the hydrogenated natural polyisoprenoid has a degree of hydrogenation of 50% or more.

5. The rubber-like or rubber-like-material-containing article of any one of claims 2 to 4, wherein the hydrogenated natural polyisoprenoid has a weight-average molecular weight of 20×10^4 or more and a molecular-weight distribution of 2.0 or more.

6. The rubber-like or rubber-like-material-containing article of any one of claims 2 to 5, wherein the

hydrogenated natural polyisoprenoid is a hydrogenated product of a polymer of isoprene unit derived from *Hevea brasiliensis*, *Ficus elastica*, *Eucommia ulmoides*, or a fungus belonging to the genus *Lactarius*.

7. A method for producing a rubber-like elastic article, comprising the step of subjecting a rubber composition comprising a hydrogenated natural polyisoprenoid or a modified product thereof to molding/forming.

8. The rubber-like or rubber-like-material-containing article of claim 1, which is a resin modifier comprising a rubber-like polymer as a hydrogenated natural polyisoprenoid, or a modified product thereof.

9. The rubber-like or rubber-like-material-containing article of claim 8, wherein the rubber-like polymer is a polymer as a product of the reaction of a natural polyisoprenoid with hydrogen in the presence of a hydrogenation catalyst in a solvent.

10. The rubber-like or rubber-like-material-containing article of one of claims 8 and 9, wherein the natural polyisoprenoid in the rubber-like polymer has a degree of hydrogenation of 50% or more.

11. The rubber-like or rubber-like-material-containing article of any one of claims 8 to 10, wherein the rubber-like polymer has a weight-average molecular weight of 20×10^4 or more and a molecular-weight distribution of 2.0 or

more.

12. A resin composition comprising a resin and the rubber-like or rubber-like-material-containing article of any one of claims 8 to 11.

13. The resin composition of claim 12, comprising 0.1 to 100 parts by weight of the resin modifier per 100 parts by weight of the resin.

14. A molded article made from the resin composition of one of claims 12 and 13.

15. The rubber-like or rubber-like-material-containing article of claim 1, which is a modified latex as a hydrogenated natural polyisoprenoid latex.

16. The rubber-like or rubber-like-material-containing article of claim 15, as a product of the reaction of a natural polyisoprenoid latex with hydrogen in the presence of a hydrogenation catalyst.

17. The rubber-like or rubber-like-material-containing article of one of claims 15 and 16, wherein the hydrogenated natural polyisoprenoid in the modified latex has a degree of hydrogenation of 50% or more.

18. The rubber-like or rubber-like-material-containing article of any one of claims 15 to 17, wherein the natural polyisoprenoid latex is a latex derived from *Hevea brasiliensis*, *Ficus elastica*, *Eucommia ulmoides*, or a fungus belonging to the genus *Lactarius*.

19. An article comprising a hydrogenated natural polyisoprenoid or a modified product thereof, prepared by using the rubber-like or rubber-like-material-containing article of any one of claims 15 to 18.